

ABSTRACT OF THE DISCLOSURE

A single focus lens includes, in order from the object side: a first lens component of positive refractive power with a convex surface on the object side; a diaphragm stop; a second lens component that is made of plastic, has at least one aspheric surface and a meniscus shape, and has a concave surface on the object side near the optical axis; and, a third lens component of positive refractive power with two aspheric surfaces, one of which is convex on the object side near the optical axis. Each lens component that forms the single focus lens may consist of a lens element. Specified conditions are satisfied in order to reduce aberrations, to insure that the light rays at the image plane are substantially orthogonal to the image plane, and to insure that a sufficient back focus is provided to allow for insertion of other optical elements.